



QUICK REFERENCE GUIDE

ZYE YAG®

REVIEW 1.2 | NOVEMBER 2020



QUICK REFERENCE GUIDE

ZYE YAG®

REVIEW 1.2 | NOVEMBER 2020

5-15/LT LASER TIGHTENING					
TREATMENT AREA	SPOT	MODE	TIME SHOT	POWER	TOTAL ENERGY
Face	10 or 15 mm	INTENSE®	15 s	30-40 W	6 - 7 KJ/ Hemiface
Chest, neck and jowl	10 or 15 mm	INTENSE®	15 s	30-40 W	7 - 10 KJ/ Quadrant
Body	15 mm	INTENSE®	15 s	30-50 W	10 - 14 KJ/ Quadrant

Attention: the temperature of the treated tissue should be increased to 42°C for intense collagen stimulation. After reaching it evenly throughout the quadrant, continue heating for at least 2 minutes.

3-10/VL ◦ 3-24/HR ◦ 5-15/LT VASCULAR LESIONS OF THE FACE					
DIAMETER OF THE VESSEL	SPOT	MODE	PULSE WIDTH	FLUENCE	FREQUENCY
up to 0.5 mm	3 mm	LONGPULSE®	10 ms	100-200 J/cm²	1-2 Hz
0.5 to 1.0 mm	3 mm	LONGPULSE®	10-20 ms	150-275 J/cm²	1-2 Hz
up to 1.0 mm	3 mm	LONGPULSE®	15-20 ms	100-150 J/cm²	1-2 Hz
up to 1.0 mm	3, 5 or 6 mm	DYNAMICS®	650 us	20-50 J/cm²	5-10 Hz
up to 0.5 mm	3 mm	DYNAMICS®	650 us	10-50 J/cm²	5-10 Hz

* Use sapphire cooling of the 3-10/VL handpiece at the maximum level and use guide LASER intensity control for thinner veins and vessels; the 3-24/HR handpiece requires the use of external cooling;

3-10/VL ◦ 3-24/HR ◦ 5-15/LT THERMAL PEELING						
INDICATION	SPOT	MODE	PULSE WIDTH	FLUENCE	REP. RATE	SHOTS
Rosacea control	3 or 5 mm	DYNAMICS®	200 or 300 µs	10-40 J/cm²	3-10 Hz	500-1000/ Quadrant
Texture and pores	5, 6, 8 or 10 mm	DYNAMICS®	650 µs	8-20 J/cm²	3-10 Hz	500-1000/ Quadrant

3-10/VL ◦ 3-24/HR ◦ 5-15/LT					ONYCHOMYCOSIS
SPOT	MODE	PULSE WIDTH	FLUENCE	REP RATE	SHOTS
3 mm	DYNAMICS®	300 µs	10-40 J/cm²	3-10 Hz	300-600
5 mm	DYNAMICS®	300 µs	10-12 J/cm²	3-10 Hz	until reaching 42°C
5 mm	LONGPULSE®	40 ms	40-80 J/cm²	1 Hz	until reaching 42°C

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window) and insert the cooler between the passes; note that the larger the spot, the better the treatment coverage area, but the greater the risk of adverse effects due to the use of excessive energy or pulse time.

3-10/VL ◦ 3-24/HR		VASCULAR LESIONS OF THE LOWER LIMBS		
DIAMETER OF THE VESSEL	SPOT	MODE	PULSE WIDTH	FLUENCE
0.5 to 1.0 mm	3 mm	LONGPULSE®	10-20 ms	100-300 J/cm²
up to 1.0 mm*	3 mm	LONGPULSE®	15-20 ms	125-250 J/cm²
up to 1.0 mm**	3 or 5 mm	LONGPULSE®	20-30 ms	125-175 J/cm²
1.5 to 2.0 mm	5 or 6 mm	LONGPULSE®	30-40 ms	70-120 J/cm²
2.1 to 4.0 mm	5, 6 or 8 mm	LONGPULSE®	30-60 ms	80-140 J/cm²

* For telangiectasias; **for venulectasias; ***use sapphire cooling of the 3-10/VL handpiece at the maximum level and use guide LASER intensity control for thinner veins and vessels; the 3-24/HR handpiece requires the use of external cooling.

3-10/VL ◦ 3-24/HR			NEVUS RUBI
SPOT	MODE	PULSE WIDTH	FLUENCE
3 mm	LONGPULSE®	20-30 ms	100-150 J/cm²

* Use sapphire cooling of the 3-10/VL handpiece at the maximum level and use guide LASER intensity control for thinner veins and vessels; the 3-24/HR handpiece requires the use of external cooling;

3-10/VL PERMANENT HAIR REDUCTION						
SKIN TYPE	HAIR TYPE		SPOT	MODE	PULSE WIDTH	FLUENCE
	COLOR	THICKNESS				
I and II	black	thin / thick	6 mm 8 mm 10 mm	LONGPULSE®	20-30 ms	50-70 J/cm ² 35-50 J/cm ² 20-35 J/cm ²
III			6 mm 8 mm 10 mm	LONGPULSE®	20-30 ms	45-50 J/cm ² 30-45 J/cm ² 25-35 J/cm ²
IV			6 mm 8 mm 10 mm	LONGPULSE®	30-40 ms	35-40 J/cm ² 25-35 J/cm ² 20-30 J/cm ²
V			6 mm 8 mm 10 mm	LONGPULSE®	40 ms	35-40 J/cm ² 30-35 J/cm ² 20-30 J/cm ²
VI			6 mm 8 mm 10 mm	LONGPULSE®	40-50 ms	30-35 J/cm ² 25-30 J/cm ² 24-30 J/cm ²

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window); achieve end point for permanent hair reduction, such as perifollicular edema and / or mild erythema.

3-24/HR PERMANENT HAIR REDUCTION						
SKIN TYPE	HAIR TYPE		SPOT	MODE	PULSE WIDTH	FLUENCE
	COLOR	THICKNESS				
I and II	black	thin / thick	6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	20-30 ms	45-60 J/cm ² 30-40 J/cm ² 24-30 J/cm ² 14-20 J/cm ² 12-18 J/cm ² 10-16 J/cm ²
III			6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	20-30 ms	45-55 J/cm ² 25-35 J/cm ² 20-26 J/cm ² 12-16 J/cm ² 10-14 J/cm ² 8-14 J/cm ²
IV			6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	30-40 ms	40-55 J/cm ² 25-30 J/cm ² 20-24 J/cm ² 10-14 J/cm ² 8-14 J/cm ² 8-12 J/cm ²
V			6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	40 ms	40-50 J/cm ² 25-30 J/cm ² 20-24 J/cm ² 10-14 J/cm ² 6-12 J/cm ² 6-10 J/cm ²
VI			6 mm 10 mm 14 mm 18 mm 20 mm 24 mm	LONGPULSE®	40-50 ms	40-50 J/cm ² 20-30 J/cm ² 16-24 J/cm ² 8-14 J/cm ² 4-10 J/cm ² 2-8 J/cm ²

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window); achieve end point for permanent hair reduction, such as perifollicular edema and / or mild erythema.

3-10/VL ◦ 3-24/HR ◦ 8-18/HR					
FACIAL WRINKLES					
TREATMENT	SPOT	MODE	PULSE WIDTH	FLUENCE	PASSES
Fine lines and wrinkles	6, 8 or 10 mm	LONGPULSE®	100 ms	40-60 J/cm ²	1
Skin toning	6, 8 or 10 mm	LONGPULSE®	60-100 ms	30-50 J/cm ²	1

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window); note that the larger the spot, the better the treatment coverage area, but the greater the risk of adverse effects due to the use of excessive energy or pulse time.

8-18/HR						
PERMANENT HAIR REDUCTION						
SKIN TYPE	HAIR TYPE		SPOT	MODE	PULSE WIDTH	FLUENCE
	COLOR	THICKNESS				
I and II	black	thin / thick	8 mm 10 mm 12 mm 14 mm 16 mm 18 mm	LONGPULSE®	20-30 ms	35-45 J/cm ² 30-40 J/cm ² 26-30 J/cm ² 24-30 J/cm ² 18-20 J/cm ² 14-20 J/cm ²
			08 mm 10 mm 12 mm 14 mm 16 mm 18 mm	LONGPULSE®	20-30 ms	45-50 J/cm ² 25-35 J/cm ² 24-30 J/cm ² 20-26 J/cm ² 16-20 J/cm ² 12-16 J/cm ²
IV			8 mm 10 mm 12 mm 14 mm 16 mm 18 mm	LONGPULSE®	30-40 ms	35-40 J/cm ² 25-30 J/cm ² 22-28 J/cm ² 20-26 J/cm ² 14-29 J/cm ² 10-14 J/cm ²
V e VI			8 mm 10 mm 12 mm 14 mm 16 mm 18 mm	LONGPULSE®	40 - 50 ms	30-40 J/cm ² 20-30 J/cm ² 20-26 J/cm ² 20-24 J/cm ² 12-16 J/cm ² 10-14 J/cm ²

* Use the handpieces with cooling (by air, through an external cooler, or by the sapphire window); achieve end point for permanent hair reduction, such as perifollicular edema and / or mild erythema.